

Central Unified
4605 N. Polk Avenue
Fresno CA 93722

Purchase Order No.
The number below MUST appear on all invoices, pkgs., etc.
186151
Order Date: 04/10/2018

(559) 274-4700 FAX: ()

CE: Anita L.

Invoice To:

Ship Prepaid To:

CENTRAL UNIFIED SCHOOL DISTRICT 7900 - CENTRAL USD WAREHOUSE
ACCOUNTS PAYABLE (559-274-4700) K. HISEL 559-274-4700 X63114
4605 N POLK 4203 W ALAMOS STE 110
FRESNO CA 93722-5334 FRESNO CA 93722-0000

TO: VE# 257 FAX# (925) 432-3521 Phone# (925) 432-3399

AGRA TECH INC
2131 PIEDMONT WY
PITTSBURG CA 94565

Remit To:

AGRA TECH INC
2131 PIEDMONT WY
PITTSBURG CA 94565-

Quantity Ordered	Unit of Measure	Description of Articles or Service	Unit Price	Total Cost
1	Each	CTEIG-Ag West-Chris Williams-Green House Bid Number: 10536 CDE & FCSS Approved See Attached Bid for all info	\$39,766.27	\$39,766.27
1	Each	Shipping and Handling "SPECIFIC" PO - VALID UNTIL JUNE 30, 2018 INV. NOT TO EXCEED PO AMOUNT NOTE: VENDOR MUST CHECK-IN AT MAIN OFFICE **FREIGHT DELIVERIES BY APPT ONLY** DELIVERIES NOT SHIPPED TO "SHIP PREPAID" ADDRESS ABOVE WILL BE REFUSED.	\$4,800.00	\$4,800.00
			Sub Total:	\$44,566.27
			Discount:	\$0.00
			Tax:	\$3,171.36
			P.O. Total:	\$47,737.63

Requested By: RobinD	Authorized By: tt	Requisition #: 186470
-----------------------------	--------------------------	------------------------------

Fu---Re----Y-Gl---Fn---Ob-----Si--RP---Mg
0100-63870-0-3800-8500-620000-801-6300-6330

Amount
\$47,737.63

1. If unable to fill order or invoice exactly in accordance with description, unit and price heron, do not ship. Advise us.
2. If price is omitted on order it is agreed that your price will be the lowest prevailing market price.
3. Orders not received on date specified may be cancelled by us.
4. Goods subject to our inspection on arrival.
5. There must be a separate invoice for each purchase order.
6. On orders F.O.B. Shipping Point prepay shipping charges, add to invoice, and attach paid freight bill as evidence of prepayment charges.
7. All materials, supplies and equipment must comply with requirements of the California Occupational Safety and Health Act and all electrical equipment must comply with three wire grounding requirements

No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the D.I.R. pursuant to Labor Code section 1725.5
No contractor or subcontractor may be awarded a contract for public work on a public works project awarded on or after April 1, 2015 unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Approved

Uplade Balle

APR 17 2018

Bid Num: 10536 ver: 9

Date Created: 7/3/2016



Page 1 of 5

Date Revised: 3/13/2018

Solar Light 30x48x10 12/100-c rev jwb 3.6.18 reviewed approved EP / Alma 3.13.17

Distributed By: 200

Agra Tech, Inc
2131 Piedmont Way
Pittsburg, CA 94565

Sold To:

Central High School West
Central Unified School District West
4605 N. Polk
Fresno, CA 93722

Ship To: 970969

Central High School West
Central High School West
2045 N. Dickenson
Fresno, CA 93723

Salesman: Agra Tech
Email: agratech@agratech.com
Phone: (925) 432-3399
Cell:

Contact: Chris Williams
Email: chrisw@centralusd.k12.ca.us
Phone: (559) 289-2865
Cell: (559) 289-2865

Contact: Chris Williams
Email: chrisw@centralusd.k12.ca.us
Phone: (559) 289-2865
Cell: (559) 289-2865

ATI Salesman: Jim W. Bergantz

Phone: (925) 432-3399

Email: jim.bergantz@agratech.com

Cell: (925) 597-0780

Terms: School PO

Ship Notes: School freight

Qty	Extended List Price	Disc Mult	Net Price
-----	------------------------	--------------	-----------

(Item 0) Preliminary estimate 11.10.17 subject to review by Agra Tech
APP 3.13.17 EP / ALMA controls and benches not incl.

0 Preliminary estimate 11.10.17 subject to review by Agra Tech @ =

Item Weight: 0

Item Total:

1.0000

(Item 1) 1 Range(s) of 1 Solar Light 30 12/100C PC8 10' Eave x 48'
This greenhouse is engineered to be an Agricultural production greenhouse. It is not engineered to be a classroom

2	SOLAR LIGHT 30 12/100C AG PC8 10' EAVE-A	@	\$3,250.00=	\$6,500.00
2	SOLAR LIGHT 30 12/100C AG PC8 10' EAVE-B	@	\$1,670.00=	\$3,340.00
2	SL30 Endwall 18GA_PC8 10' Eave - A	@	\$520.00=	\$1,040.00
4	Sidewall 18GA PC8 10' Eave - A	@	\$276.00=	\$1,104.00
4	Sidewall 18GA PC8 10' Eave - B	@	\$180.00=	\$720.00
2	Condensate Channel - A	@	\$23.00=	\$46.00
6	Condensate Channel - B	@	\$17.00=	\$102.00
2	Gutter End Transition	@	\$54.00=	\$108.00

Item Weight: 4692.4

Item Total:

\$12,960.00 1.0000 \$12,960.00

(Item 2) Structural Upgrades required to meet non ag loading 20/110 for School use per ALP 2/21/18 email
per ALP 1040, 520# for the frame
\$384, 136 # for the walls

1 Structural Upgrades required to meet non ag loading 20/110 for School use per ALP @ \$1,424.00= \$1,424.00

Item Weight: 656

Item Total:

\$1,424.00 1.0000 \$1,424.00

Bid Num: 10536

Date Created: 7/3/2016

Distributed By: 200

Agra Tech, Inc



Sold To:

Central High School West

Page 2 of 5

Date Revised 3/13/2018

Ship To: 970969

Central High School West

Qty			Extended List Price	Disc Mult	Net Price
(Item 3) 1 Hinged Door - Hinged Door AJ 4'-0" X 6'-8" - PC8					
If any other approvals are required example being DSA we decline involvement and the school is to be responsible for all expenses					
1	Hinged Door AJ 4'-0" X 6'-8" - PC8	@	\$1,040.00=		\$1,040.00
	Item Weight: 150		Item Total:	\$1,040.00 1.0000	\$1,040.00
(Item 4) lever lockset for man door to make ADA					
1	lever lockset for man door to make ADA	@	\$63.00=		\$63.00
	Item Weight: 0		Item Total:	\$63.00 1.0000	\$63.00
(Item 5) 1 Solar Light Roof Vent Single PC8 54" x 48"					
2	Solar Light Roof Vent, Single PC8 - A	@	\$328.00=		\$656.00
2	Solar Light Roof Vent, Single PC8 - B	@	\$274.00=		\$548.00
	Item Weight: 226		Item Total:	\$1,204.00 1.0000	\$1,204.00
(Item 6) 1 Drives - Roof Vents - Drive Kit Roof Vent RW45-2-115 (SL)					
1	Drive Kit Roof Vent RW45-2-115 (SL)	@	\$1,259.00=		\$1,259.00
	Item Weight: 60		Item Total:	\$1,259.00 1.0000	\$1,259.00
(Item 7) 1500 gram Twin-wall Polycarbonate Softlite					
3798	1500 gram Twin-wall Polycarbonate Softlite	@	\$1.470=		\$5,583.06
	Item Weight: 1177.38		Item Total:	\$5,583.06 1.0000	\$5,583.06
(Item 8) Crate Charge /Panels 71 1/4" Wide vendor crating charge					
19	Crate Charge /Panels 71 1/4" Wide	@	\$18.00=		\$342.00
	Item Weight: 0		Item Total:	\$342.00 1.0000	\$342.00
(Item 9) Wall Accessories concrete curb at walls					
65	Anchor Bolt	@	\$1.080=		\$70.20
13	Base Angle 14ga 6" x 4" x 12'	@	\$47.960=		\$623.48
	Item Weight: 433.03		Item Total:	\$693.68 1.0000	\$693.68
(Item 10) 1 Heater - Heater Hanger Type A - Solar Light Houses					
1	Heater Hanger Type A - Solar Light Houses	@	\$315.00=		\$315.00
	Item Weight: 122		Item Total:	\$315.00 1.0000	\$315.00

Bid Num: 10536

Date Created: 7/3/2016

Distributed By: 200

Agra Tech, Inc



Sold To:

Central High School West

Page 3 of 5

Date Revised 3/13/2018

Ship To: 970969

Central High School West

Qty			Extended List Price	Disc Mult	Net Price
(Item 11) 1 Heater - Modine PTP 200 01 SS 160000BTU 1/3hp PROPANE 1 conf 9/17 price					
1	Modine PTP 200 01 SS 160000BTU 1/3hp	@	\$1,814.00=	\$1,814.00	
	Item Weight: 220		Item Total:	\$1,814.00 0.6900	\$1,251.66
(Item 12) 4" horizontal flue kit					
1	4" horizontal flue kit	@	\$203.00=	\$203.00	
	Item Weight: 0		Item Total:	\$203.00 1.0000	\$203.00
(Item 13) 2 HAF Fan - HAF Fan 20" GT 1/10hp, 115 v, 1ph					
2	HAF Fan 20" GT 1/10hp, 115 v, 1ph	@	\$194.00=	\$388.00	
	Item Weight: 56		Item Total:	\$388.00 0.7800	\$302.64
(Item 14) Acme cooling system & 2 exhaust fans 115v/1PH/1/2HP vendor quote # 10536					
1	Acme cooling system & 2 exhaust fans 115v/1PH/1/2HP vendor quote # 10536	@	\$5,046.00=	\$5,046.00	
	Item Weight: 0		Item Total:	\$5,046.00 0.7800	\$3,935.88
(Item 15) 2 Exhaust Fan Mount - Exhaust Fan Mount - Slant - PC8 12-30"					
2	Exhaust Fan Mount - Slant - PC8 12-30"	@	\$102.00=	\$204.00	
	Item Weight: 66		Item Total:	\$204.00 1.0000	\$204.00
(Item 16) 1 Pad Vent Single PC8 36" x 30'					
1	Pad Vent 3' Single, PC8 - A	@	\$504.00=	\$504.00	
1	Pad Vent 3' Single, PC8 - A6	@	\$325.00=	\$325.00	
1	Pad Vent 3' Single, PC8 - B	@	\$433.00=	\$433.00	
	Item Weight: 289		Item Total:	\$1,262.00 1.0000	\$1,262.00
(Item 17) 1 Drives - Pad Vent - Drive Kit PadVent RW45-2-115					
1	Drive Kit PadVent RW45-2-115	@	\$1,376.00=	\$1,376.00	
	Item Weight: 63		Item Total:	\$1,376.00 0.9500	\$1,307.20
(Item 18) 1 Cooling Pad Mount Acme PDR for 1 SL30 set for PC8					
1	Cooling Pad Mounts PDR SL30 PC8-A	@	\$450.00=	\$450.00	
	Item Weight: 255		Item Total:	\$450.00 1.0000	\$450.00

Bid Num: 10536

Date Created: 7/3/2016

Distributed By: 200

Agra Tech, Inc



Sold To:

Central High School West

Page 4 of 5

Date Revised 3/13/2018

Ship To: 970969

Central High School West

Qty				Extended List Price	Disc Mult	Net Price
(Item 19)	1 ES2 Curtain Sytem Interior for 1 SL30 house x 48' long conf new 2017 price					
2	ES2 Curtain SFS for Solar Light 30 - A	@	\$1,211.000=	\$2,422.00		
2	ES2 Curtain SFS for Solar Light 30 - B	@	\$350.000=	\$700.00		
Item Weight: 1150			Item Total:	\$3,122.00	1.0000	\$3,122.00
(Item 20)	1 Drives - Curtain Solar Light - Drive Kit Curtain RW45-2-115 (SL)					
1	Drive Kit Curtain RW45-2-115 (SL)	@	\$1,259.000=	\$1,259.00		
Item Weight: 60			Item Total:	\$1,259.00	0.9500	\$1,196.05
(Item 21)	Harmony 4647 FR energy curtain fabric 4 x 454 confirmed 2/18 prices					
1816	Harmony 4647 FR energy curtain fabric	@	\$0.369=	\$670.10		
Item Weight: 54.48			Item Total:	\$670.10	1.0000	\$670.10
(Item 22)	Admin & processing fee for school project					
1	Admin & processing fee for school project	@	\$978.000=	\$978.00		
Item Weight: 0			Item Total:	\$978.00	1.0000	\$978.00
(Item 23)	Benches and controls not included AG CON has been requested to build					
1	Benches and controls not included	@	=			
Item Weight: 0			Item Total:		1.0000	

Bid Num: 10536

Date Created: 7/3/2016

Distributed By: 200

Agra Tech, Inc



Sold To:

Central High School West

Page 5 of 5

Date Revised: 3/13/2018

Ship To: 970969

Central High School West

Qty			Extended List Price	Disc Mult	Net Price
Total Weight ATI Materials:	8,039	Total List & Net Price	\$41,655.84		\$39,766.27
Total Weight Non ATI:	1,691		Discount:		
The freight estimate is valid for 7 Days			Discounted price:		\$39,766.27
			Sales Tax: 7.9750%		\$3,171.36
			Est Prepaid Freight:		\$4,800.00
			Grand Total:		\$47,737.63

Please indicate your authorization of this proposal by signing below and faxing it to (925) 432-3521. We will begin processing your order as soon as we receive full payment and this signed confirmation in our office.

Thank you for the opportunity to present this offer to you.

We sincerely hope that this proposal meets with your approval.

Approval and Acceptance

Central High School West

By: Yolande Balla

Title: _____

Date: _____

Approval and Acceptance

Agra Tech, Inc.

By: _____

Title: _____

Date: _____

Agra Tech, Inc. reserves the right to correct any inadvertent specification or pricing errors made in this quotation.

Reviewed & approved.
Paul [Signature]

Bid Num: 10536

Date Created: 7/3/2016

Distributed By: 200

Agra Tech, Inc



Sold To:

Central High School West

Page 5 of 5

Date Revised: 3/13/2018

Ship To: 970969

Central High School West

Qty			Extended List Price	Disc Mult	Net Price
Total Weight ATI Materials:	8,039	Total List & Net Price	\$41,655.84		\$39,766.27
Total Weight Non ATI:	1,691		Discount:		
The freight estimate is valid for 7 Days			Discounted price:		\$39,766.27
			Sales Tax: 7.9750%		\$3,171.36
			Est Prepaid Freight:		\$4,800.00
			Grand Total:		\$47,737.63

Please indicate your authorization of this proposal by signing below and faxing it to (925) 432-3521. We will begin processing your order as soon as we receive full payment and this signed confirmation in our office.

Thank you for the opportunity to present this offer to you.

We sincerely hope that this proposal meets with your approval.

Approval and Acceptance

Central High School West

By: _____

Title: _____

Date: _____

Approval and Acceptance

Agra Tech, Inc.

By: _____

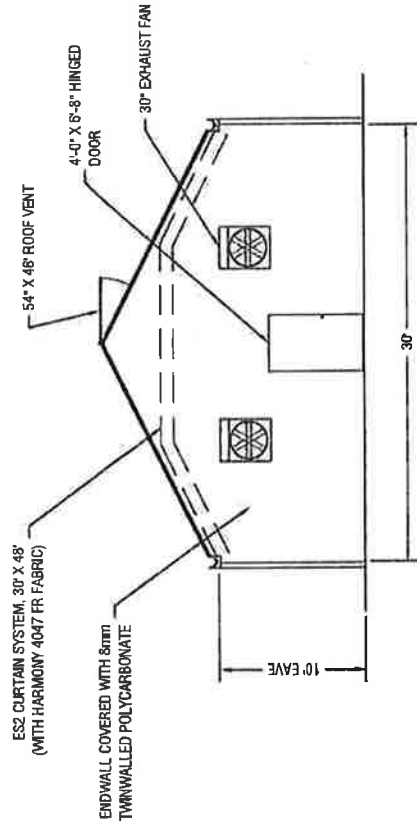
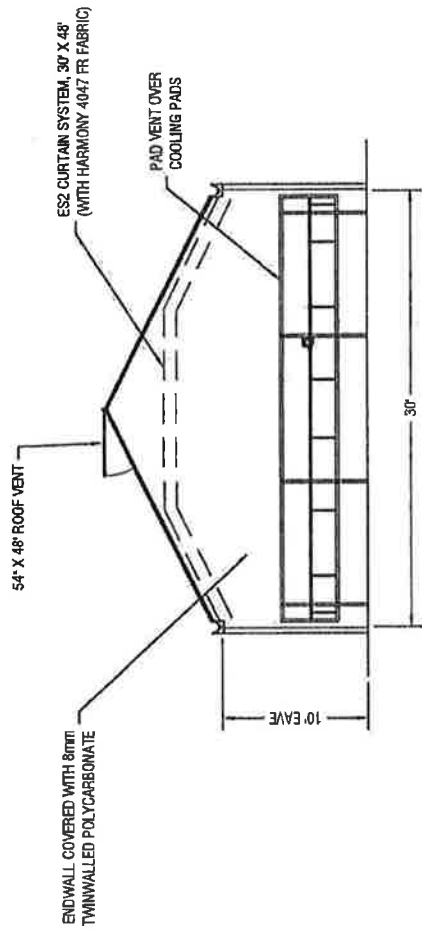
Title: _____

Date: _____

Agra Tech, Inc. reserves the right to correct any inadvertent specification or pricing errors made in this quotation.

© 2000 by The McGraw-Hill Companies, Inc.

LEGAL NOTICE: This document contains Proprietary and Confidential Information owned by Agri-Tech, Inc. (Agri-Tech), which is protected by United States and Foreign copyright and other laws. The document and information is provided to Agri-Tech customers and/or suppliers under a license agreement and/or other agreement with the understanding that the design, engineering and document was created by and is owned by Agri-Tech, Inc. and is to be used solely for manufacture by Agri-Tech and construction under assembly by Agri-Tech or an Agri-Tech authorized contractor. It is further understood that the document and information is to be kept Confidential, not copied or disclosed to others and/or used other than intended by Agri-Tech. Violators will be prosecuted to the fullest extent of the law. Unauthorized disclosure and/or use may result in the assessment of triple damages.



MANUFACTURED BY

L-2

CURTAIN NUMBER

DATE

DESIGNED BY

PROJECT

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

10535

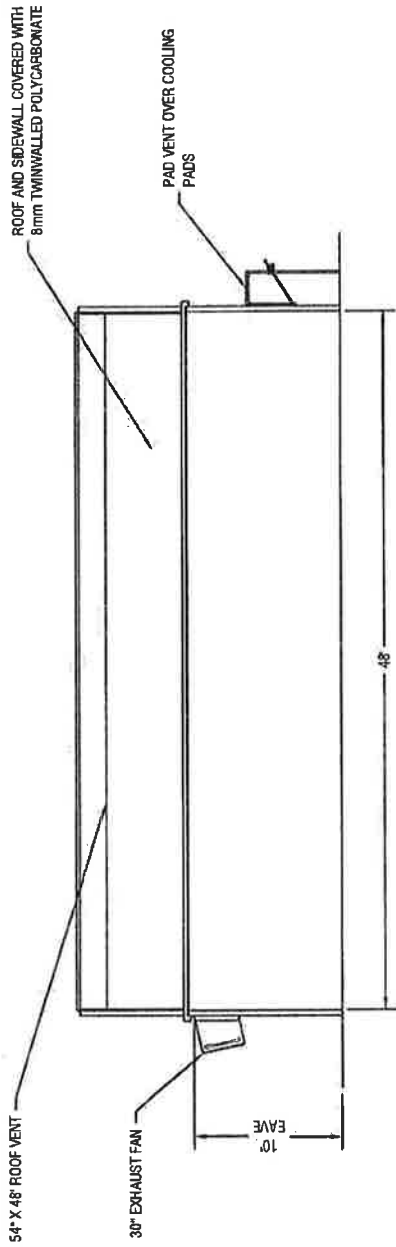
10535

10535

10535

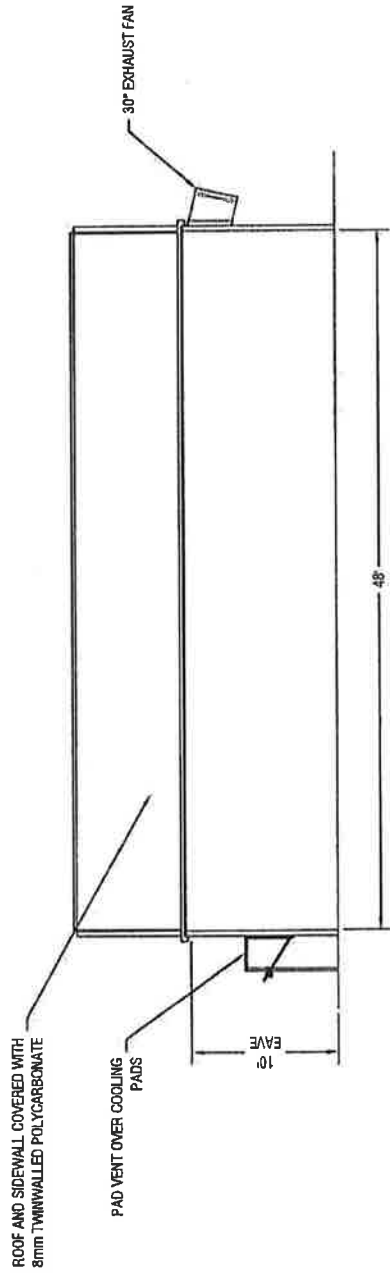
10535

LEGAL NOTICE: This document contains Proprietary and Confidential Information owned by Agri Tech, Inc. (Agri Tech), which is protected by United States and Foreign Copyright and other laws. The document and information is provided to Agri Tech customers and/or suppliers under written purchase order and/or other agreement with the understanding that the design, engineering and document was created by and is owned by Agri Tech and is to be used solely for manufacture by Agri Tech and construction and/or assembly by Agri Tech or an Agri Tech authorized contractor. It is further understood that the document and information is to be kept Confidential, not copied or disclosed to others and/or used other than intended by Agri Tech. Violators will be prosecuted to the fullest extent of the law. Unauthorized disclosure and/or use may result in the assessment of treble damages.



EAST ELEVATION

SCALE: 1" = 8'



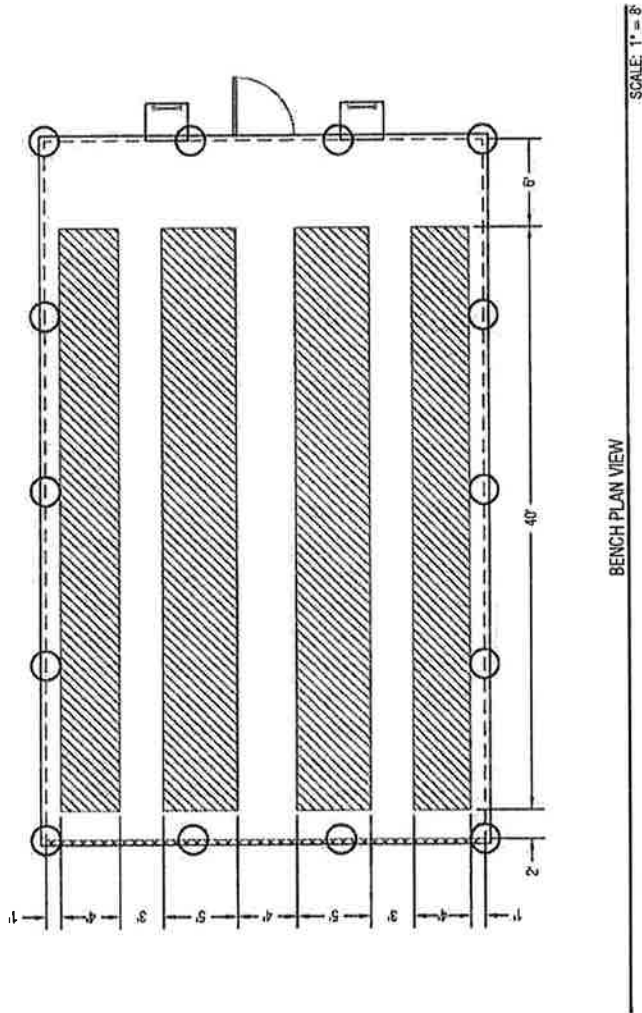
WEST ELEVATION

SCALE: 1" = 8'

			2131 PIEDMONT WAY PITTSBURGH CA 94505 TEL (925) 432-3889 FAX (925) 432-3821	ELEVATION VIEWS FRESNO, CA CENTRAL HIGH	DATE: 05-07-2014 DESIGNED BY: JTR DRAWN BY: JTR CHECKED BY: JTR SCALE: 1" = 8'
					PROJECT NUMBER: L-3

MANUFACTURED BY: AGRI TECH, INC.

LEGAL NOTICE: This document contains Proprietary and Confidential Information owned by Agre Tech, Inc. (Agre Tech), which is protected by United States and Foreign copyright and other laws. The document and information is provided to Agre Tech customers under a license agreement with the understanding that the design, engineering and document was created by and is owned by Agre Tech and is to be used solely for manufacture by Agre Tech and construction under assembly by Agre Tech or an Agre Tech authorized contractor. It is further understood that the document and information is to be kept Confidential, not copied or disclosed to others and/or used other than intended by Agre Tech. Violators will be prosecuted to the fullest extent of the law. Unauthorized disclosure and/or use may result in the assessment of treble damages.



BENCHES:
 STATIONARY BENCHES WITH EXPANDED METAL TOPS
 (2) 4' X 40' = 320 SQFT
 (2) 5' X 40' = 400 SQFT
 TOTAL OF 720 SQFT

MANUFACTURED BY AGRE TECH, INC.

DRAWING NUMBER
B-1

DATE
06-15-2016
JOB NO.
10535
DRAWN BY
JTD

CENTRAL HIGH
FRESNO, CA
BENCH PLAN VIEW

AGRA
2131 PIEDMONT WAY
PITTSBURG CA 94565

MANUFACTURED BY
TECH

TEL (925) 432-3399
FAX (925) 432-3521

NGMA
NATIONAL GREENHOUSE
MANUFACTURERS ASSOCIATION



www.microgrow.com 42065 Zevo Drive, Temecula, CA 92590 (951) 296 3340 FAX (951) 296 3350
sales@microgrow.com

March 05, 2018				Quote Number:		18-03-05	
Distributor: Agra tech							
Project Name: Central High West							
Quantity	Item	Description	Each	List Total			
1	Procom	Microprocessor Control System	\$ 2,195.00	\$ 2,195.00			
1	Expansion Module	6 output (for overrides)	\$ 695.00	\$ 695.00			
1	Zone Sensor	Aspirated Temperature and Humidity	\$ 595.00	\$ 595.00			
1	Outdoor Sensor	Complete Weather Set. Outdoor temperature, solar, wind speed, rain.	\$ 1,195.00	\$ 1,195.00			
1	Equipment Cabinet and Drawing.	UL Listed, Pre-wired. NEMA 4X with Panduit Wireways. Terminals, Control Circuit Breaker	\$ 995.00	\$ 995.00			
1	Transformer	150 VA Machine Tool	\$ 89.00	\$ 89.00			
5	Contactors, HAF Fans, Exhaust Fans, pad pump, Electric Unit heater	30 Amps, 4 pole. NEMA rated	\$ 99.00	\$ 495.00			
6	Relays, Vent interface.	6 amp rated, with socket. Pilot light.	\$ 25.00	\$ 150.00			
1	Roof Vent RW45-2 115v	Series 100, multi-up, front panel mounted rotary switch, overload protection.	\$ 295.00	\$ 295.00			
1	Shade Curtain RW45-2 115v	Series 100, multi-up, front panel mounted rotary switch, overload protection.	\$ 295.00	\$ 295.00			
1	Pad vent - Ridder RW45-2 115v	Series 100, multi-up,, front panel mounted rotary switch, overload protection.	\$ 295.00	\$ 295.00			
Project Total:				\$ 7,294.00			

Optional Items																																																																																															
1	Alarm	Web alarm, text messages, email	\$ 895.00	\$ 895.00																																																																																											
1	Growlink, Industrial PC, Data Storage	Windows, PC and Smartphone Access, Reports, Includes industrial PC with wireless network	\$ 2,695.00	\$ 2,695.00																																																																																											
1	Chip Set	Growlink	\$ 125.00	\$ 125.00																																																																																											
1	On Site	On Site Involvement. Checkout, training session. Doubles warranty to two full years.	\$ 4,950.00	\$ 4,950.00																																																																																											
1	Plans	Fully calculated Electrical Drawings, Load Schedule, Voltage Drop Calculations		Call for Quote																																																																																											
<table> <tr> <td colspan="3"><u>Equipment</u></td><td colspan="3"><u>Staging</u></td></tr> <tr> <td colspan="3">1- Roof vent RW45 115v</td><td colspan="3">RV - Open</td></tr> <tr> <td colspan="3">1- Shade Curtain</td><td colspan="3">RV - Close</td></tr> <tr> <td colspan="3">2 - HAF fans</td><td colspan="3">Shade open</td></tr> <tr> <td colspan="3">2 - Ex fans 115v 1sp</td><td colspan="3">Shade Close</td></tr> <tr> <td colspan="3">1 - Pad Pump</td><td colspan="3">Pad vent open</td></tr> <tr> <td colspan="3">1 - Pad vent</td><td colspan="3">Pad vent close</td></tr> <tr> <td colspan="3">1 - Electric unit heaters</td><td colspan="3">Cool 2 Pad pump</td></tr> <tr> <td colspan="3"></td><td colspan="3">Cool 1 stg 2 - #2 ex fan on</td></tr> <tr> <td colspan="3"></td><td colspan="3">Cool 1 stg 1 - #1 ex fan on</td></tr> <tr> <td colspan="3"></td><td colspan="3">Air Circ</td></tr> <tr> <td colspan="3"></td><td colspan="3">Heat 1</td></tr> <tr> <td colspan="3"></td><td colspan="3">Wind 1 Override</td></tr> <tr> <td colspan="3"></td><td colspan="3">Wind 2 override</td></tr> <tr> <td colspan="3"></td><td colspan="3">Rain Override</td></tr> </table>						<u>Equipment</u>			<u>Staging</u>			1- Roof vent RW45 115v			RV - Open			1- Shade Curtain			RV - Close			2 - HAF fans			Shade open			2 - Ex fans 115v 1sp			Shade Close			1 - Pad Pump			Pad vent open			1 - Pad vent			Pad vent close			1 - Electric unit heaters			Cool 2 Pad pump						Cool 1 stg 2 - #2 ex fan on						Cool 1 stg 1 - #1 ex fan on						Air Circ						Heat 1						Wind 1 Override						Wind 2 override						Rain Override		
<u>Equipment</u>			<u>Staging</u>																																																																																												
1- Roof vent RW45 115v			RV - Open																																																																																												
1- Shade Curtain			RV - Close																																																																																												
2 - HAF fans			Shade open																																																																																												
2 - Ex fans 115v 1sp			Shade Close																																																																																												
1 - Pad Pump			Pad vent open																																																																																												
1 - Pad vent			Pad vent close																																																																																												
1 - Electric unit heaters			Cool 2 Pad pump																																																																																												
			Cool 1 stg 2 - #2 ex fan on																																																																																												
			Cool 1 stg 1 - #1 ex fan on																																																																																												
			Air Circ																																																																																												
			Heat 1																																																																																												
			Wind 1 Override																																																																																												
			Wind 2 override																																																																																												
			Rain Override																																																																																												

Please attach this form to the quote for the item being purchased and email both to your CDE CTE Consultant.

CAREER TECHNICAL EDUCATION INCENTIVE GRANT CAPITAL OUTLAY REQUEST FOR CDE PRE-APPROVAL

District Name: Central Unified School District **YEAR:** 2018

Please use this form to request and justify capital outlay expenditures for the Career Technical Education Incentive Grant (CTEIG).

Capital outlay is defined as any single item purchase of \$5,000.00 or more. **Please check all that apply:**

- ☒ *Intended to improve, enhance, or expand the CTE program;*
- ☒ *"Necessary" and "reasonable" for proper and efficient administration of the CTE program;*
- ☒ *Add to the district's historical inventory system when received; and*
- ☒ *Specific to the CTE program—as opposed to a general expense required to carry out the agency's overall responsibilities.*

Please complete each item below.

District Mailing Address: 4605 N Polk Ave **City, Zip:** Fresno, CA 93722

CTE Coordinator: Paul Birrell **Phone:** 559-274-4700 x63145

CTE Advisory Chair Name and Meeting Date: Joe Velasquez 11/17/2016

CTE Teacher Name and Credential: Chris Williams-Single Subject in Agriculture and Agriculture Specialist

Industry Sector: Agriculture **Career Pathway:** Agriscience

List Sequence of Courses (minimum of 300 hours):

Agriscience- 1) Agriculture Science 2) Biology and Sustainable Ag
3) Ag Chemistry

CTE Equipment Name: Agratech Solar Light Greenhouse **School Receiving Equipment:** Central HS-West

Total cost of item \$5,000+: \$47,737.63

Is total cost split-funded: **CTEIG \$** \$47,737.63 **Other \$** _____

Please name other funding sources used: _____

Description of Equipment: 30'x48' Agratech Solar Light Greenhouse

Use of Equipment within Sequence of Courses: The greenhouse will be used for plant propagation in the Agriscience pathway. It will also potentially be used as a resource for students conducting agriscience research projects in the Ag Biology and Ag Chemistry courses.

Please contact your CTE consultant with questions or call the CTE Administration and Management Office's general number at 916-324-5706.

What skill attainment will this equipment purchase provide CTE students in this Career Pathway?

This purchase will allow students to gain multiple skills including growing, harvesting and marketing agriculture products and safe and sanitary handling of products intended for human consumption. It will also support attainment of skills related to equipment maintenance, agriculture technology and controls used in production agriculture.

Please attach this form to the quote for the item being purchased and email both to your CDE CTE Consultant.

CAREER TECHNICAL EDUCATION INCENTIVE GRANT CAPITAL OUTLAY REQUEST FOR CDE PRE-APPROVAL

District Name: Central Unified School District **YEAR:** 2018

Please use this form to request and justify capital outlay expenditures for the Career Technical Education Incentive Grant (CTEIG).

Capital outlay is defined as any single item purchase of \$5,000.00 or more. **Please check all that apply:**

- ☒ *Intended to improve, enhance, or expand the CTE program;*
- ☒ *"Necessary" and "reasonable" for proper and efficient administration of the CTE program;*
- ☒ *Add to the district's historical inventory system when received; and*
- ☒ *Specific to the CTE program—as opposed to a general expense required to carry out the agency's overall responsibilities.*

Please complete each item below.

District Mailing Address: 4605 N Polk Ave

City, Zip: Fresno, CA 93722

CTE Coordinator: Paul Birrell

Phone: 559-274-4700 x63145

CTE Advisory Chair Name and Meeting Date: Joe Velasquez 11/17/2016

CTE Teacher Name and Credential: Chris Williams-Single Subject in Agriculture and Agriculture Specialist

Industry Sector: Agriculture

Career Pathway: Agriscience

List Sequence of Courses (minimum of 300 hours):

Agriscience- 1) Agriculture Science 2) Biology and Sustainable Ag
3) Ag Chemistry

CTE Equipment Name: Agratech Greenhouse Benches & Controls **School Receiving Equipment:** Central HS-
West

Total cost of item \$5,000+: \$22,164.33

Is total cost split-funded: CTEIG \$ \$22,164.33 Other \$ _____

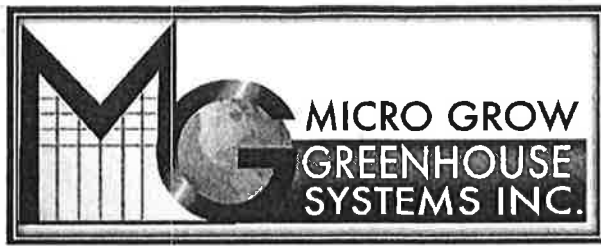
Please name other funding sources used: _____

Description of Equipment: Benches and Controls for Greenhouse

Use of Equipment within Sequence of Courses: The greenhouse equipment (benches, controls, etc) will be used for plant propagation in the Agriscience pathway. It will also potentially be used as a resource for students conducting agriscience research projects in the Ag Biology and Ag Chemistry courses.

What skill attainment will this equipment purchase provide CTE students in this Career Pathway?

This purchase will allow students to gain multiple skills including growing, harvesting and marketing agriculture products and safe and sanitary handling of products intended for human consumption. It will also support attainment of skills related to equipment maintenance, agriculture technology and controls used in production agriculture.



Chris Williams
Central Unified School District West
4605 N. Polk
Fresno, CA 93722
chrisw@centralusd.k12.ca.us
(559) 289-2865

03/29/18

Thank you for the opportunity to provide this proposal.

PROJECT PROPOSAL: New greenhouse construction for Central West High School located at 2045 N. Dickenson, Fresno, CA 93723

SCOPE OF WORK: Microgrow Greenhouse Systems proposes to provide appropriate manpower, tools, labor, necessary scissor lift equipment (only) to safely erect a single Agratech structure approximately 30' Wide X 48'. Work to consist of the following:

- Install columns and erect the framework for one new free-standing Agra Tech Solar Light greenhouse measuring 30' wide by 48' long with an eave height of 10'
- Installation of one mandoor
- Installation of the aluminum glazing system for the 8mm Twinwall glazing
- Installation of 8mm twinwall polycarbonate glazing on the roof, side and end walls
- Installation of one single roof vent measuring 48' long. Includes drive motor and associated apparatus for a fully functional system
- Installation of one Kool-cell pad and vent system measuring 30' long by 3' tall. Includes drive motor and associated apparatus for a fully functional system
- Installation of one sump tank and one sump pump
- Installation of two 30" exhaust fans.
- Installation of one heater including venting the exhaust to the exterior
- Installation of one Energy Shield curtain system measuring 30' wide by 48' long with a slope - flat - slope profile, Includes all the appropriate perimeter seals and system adjustment. Includes drive motor and associated apparatus for a fully functional system

This bid is for labor and equipment only and includes no materials.

Exclusions: Auger work, concrete, or rebar for the greenhouse footings, flue materials, provision or installation of downspouts, plumbing, electrical or gas hook-ups, commissioning of the equipment, concrete flat work, site work, or permits, receiving, unloading or storage of materials, jobsite security, debris disposal, provision of sanitary facilities, provision of any bid or performance bond, provision of insurance beyond our customary limits, or third party administration.

Price: This job has been bid NON UNION at the current Department of Industrial Relations Prevailing Wage for Construction Specialist Laborer in Fresno County. Any changes to the wage rate or classification may affect this bid price. Price is inclusive of all associated travel and lodging expenses.

Price reflects all construction to be completed without delays from other trades. Any delays to the installation of the greenhouse structure and equipment due to such delays may Result in additional costs.

Labor and equipment to erect the structure: \$ 78,250.00 (Seventy-Eight Thousand Two Hundred Fifty Dollars)

Please let me know of any questions you may have.

Respectfully,

Randy Cox
Microgrow Greenhouse Systems